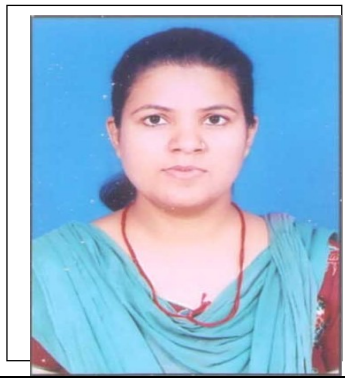

SAVITA RANI

Field of research:

Solar Filaments : Erupation and Associated Phenomenon

Name of institute:

D.S.B Campus, Kumaun University ,Nainital

Pursuing degree:

Completed degree (in descending order):

B.Sc (PCM) , M.Sc(Physics), and doing P.hd for Solar Physics

Trainings Taken (in descending order):

No

Publications (in descending order):

No

Oral presentation (in descending order):

No

Poster presentations (in descending order):

No

Schools/Workshops Attended (in descending order):

Participated in **National Seminar** on ``Solar Physics – Space Science" December 27th & 28th, 2014 at **M. B. Govt.P. G. College, Haldwani, Nainital, UTTARAKHAND**

Attended the "Introduction to Space Weather Concepts and Tools" January 24 – 29 , 2016 at Goa.(SSW COSPAR 2016 conference and school, Goa, India.)

Purpose of study in the research field (in 1000 words):

Write Here

It is crucial to understand the solar filament eruptions and its role in solar flare trigger Mechanics. According to standard solar flare modal after the filament eruption the flare is triggerd. This standard model can eruption some of the observational features , Such of formation and separation of flare ribbons. This modal can not explain the trigger mechanics for the filament eruption . Therefore It is still debatapal to explain the iniation of eruption and its association with solar flare.

We will focus our study to see the relation between these two phenomena.

Other details:

Awards & Honour (i.e.NET/SLAT/JEST/GATE/Any equivalent):

CSIR JRF -NET

Any other examinations (i.e. IELTS/TOFEL/ any equivalent)

No

Computer Operating and/or Programming Skill:

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